

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/737,318
Source: 1 FWO
Date Processed by STIC: 4/25/05

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IFWO

RAW SEQUENCE LISTING

DATE: 04/25/2005

PATENT APPLICATION: US/10/737,318

TIME: 14:18:45

Input Set : E:\ASCII Sequence Listing for 52945-20028.00_v1.txt

Output Set: N:\CRF4\04252005\J737318.raw

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pp 6-7

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231 tgtaaggggtg acatgggggg agcacggacg ctgcagaaga aatggacgac gttcctgaag 1680
232 gctcggttg tgtgctcagc ccctgactgg aaggtctact tcaaccagct gaaggcggtg 1740
233 cacaccctgc ggggcgcctc ttggcacaac accaccttct tcggggtttt tcaagcgca 1800
234 ttgggcgata tggacctgtc tgcagtttgt gactaccagt tggaacagat ccagcaagtg 1860
235 tttgagggtc cctacaagga gtacagtgag caagcccaga agtggggccg ctatactgac 1920
236 ccggtaccca gccctcggtc tggttcgtgt atcaacaact ggcaaccgaga caatggctac 1980
237 accagttccc tggaaactgc ggacaacacc ctcaacttca tcaagaagca cccctgatg 2040
238 gaggaccagg tgaagcctcg gttgggccc cccctacttg tgaagaagaa cactaacttc 2100
239 acacacgtgg tggccgacag ggtcccagg cttgatggtg ccacctatac agtgttggtc 2160
240 attggtacag gagatggctg gctgctgaag gctgtgagcc tggggccctg gatccacatg 2220
241 gtggaggaac tgcaggtgtt tgaccaggag ccagtggaaa gtctggtgct gtctcagagc 2280
242 aagaaggtgc tctttgctgg ctcccgtct cagctgggtc agctgtctct ggccgactgc 2340
243 acaaagtacc gtttctgtgt agactgtgtc ctggccaggg acccttactg tgccctggaat 2400
244 gtcaacacca gccgctgtgt ggccaccacc agtggtcgct cggggctcct tctggtccaa 2460
245 catgtggcga acttggacac ttcaaagatg tgtaaccagt atggcattaa aaaagtcaga 2520
246 tctattccca agaacatcac cgttgtgtca ggcacagacc tggctcctacc ctgccacctc 2580
247 tcgtccaatt tggcccatgc ccactggacc ttcggaagcc aggacctgcc tgcagaacaa 2640
248 cctggctcct ttctttatga cacgggactc caggcgctgg tggatggtg cgacagtc 2700
249 cgctactctg gaccctatcg ttgctattca gaggagcagg ggacaagact ggctgcagaa 2760
250 agctaccttg ttgctgtcgt ggccgctcg tcggtgacac tggaggcacg ggctcccttg 2820
251 gaaaacctgg ggctcgtgtg gctcgctgtg gtggccctgg gggctgtgtg cctggtcgtg 2880
252 ctgctgctgg tcctatcgct ccgcccgcga cttcgagaag agctagaaaa ggggtccaa 2940
253 gcatctgaga ggacactggt gtacccttg gaactgcccc aggagcctgc cagtcccccc 3000

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RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 04/25/2005

PATENT APPLICATION: US/10/737,318

TIME: 14:18:46

Input Set : E:\ASCII Sequence Listing for 52945-20028.00_v1.txt

Output Set: N:\CRF4\04252005\J737318.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 224,225,226,227,228,229,230,231,232,233,234,235,236,237,238
Seq#:4; N Pos. 239,240,241,242,243,244,245,246,247,248,249,250,251,252,253
Seq#:4; N Pos. 254,255,256,257,258,259,260,261,262,263,264,265,266,267,268
Seq#:4; N Pos. 269,270,271,272,273,274,275,276,277,278,279,280,281,282,283
Seq#:4; N Pos. 284,285,286,287,288,289,290,291,292,293,294,295,296
Seq#:13; N Pos. 1173,1174,1175,1176,1177,1178,1179,1180,1181,1182,1183,1184
Seq#:13; N Pos. 1185,1186,1187,1188,1189,1190,1191,1192,1193,1194,1195,1196
Seq#:13; N Pos. 1197,1198,1199,1200,1201,1202,1203,1204,1205,1206,1207,1208
Seq#:13; N Pos. 1209,1210,1211,1212,1213,1214,1215,1216,1217,1218,1219,1220
Seq#:13; N Pos. 1221,1222,1223,1224,1225,1226,1227,1228,1229,1230,1231,1232
Seq#:13; N Pos. 1233,1234,1235,1236,1237,1238,1239,1240,1241,1242,1243,1244
Seq#:13; N Pos. 1245,1246,1247,1248,1249,1250,1251,1252,1253,1254,1255,1256
Seq#:13; N Pos. 11449,11450,11451,11452,11453,11454,11455,11456,11457,11458
Seq#:13; N Pos. 11459,11460,11461,11462,11463,11464,11465,11466,11467,11468
Seq#:13; N Pos. 91318,91319,91320,91321,91322,91323,91324,91325,91326,91327
Seq#:13; N Pos. 91328,91329,91330,91331,91332,91333,91334,91335,91336,91337
Seq#:13; N Pos. 95920,95921,95922,95923,95924,95925,95926,95927,95928,95929
Seq#:13; N Pos. 95930,95931,95932,95933,95934,95935,95936,95937,95938,95939
Seq#:13; N Pos. 95940,95941,95942,95943,95944,95945,95946,95947,95948,95949
Seq#:13; N Pos. 95950,95951,95952,95953,95954,95955,95956,95957,95958,95959
Seq#:13; N Pos. 95960,95961,95962,95963,95964,95965,95966,95967,95968,95969
Seq#:13; N Pos. 95970,95971,95972,95973,95974,95975,95976,95977,95978,95979
Seq#:13; N Pos. 95980,95981,95982,95983,95984,95985,95986,95987,95988,95989
Seq#:13; N Pos. 95990,95991,95992,95993,95994,95995,95996,95997,95998,95999
Seq#:13; N Pos. 96000,96001,96002,96003,96004,96005,96006,96007,96008,96009
Seq#:13; N Pos. 96010,96011,96012,96013,96014,96015,96016,96017,96018,96019
Seq#:13; N Pos. 96020,96021,96022,96023,96024,96025,96026,96027,96028,96029
Seq#:13; N Pos. 96030,96031,96032,96033,96034,96035,96036,96037,96038,96039
Seq#:13; N Pos. 96040,96041,96042,96043,96044,96045,96046,96047,96048,96049
Seq#:13; N Pos. 96050,96051,96052,96053,96054,96055,96056,96057,96058,96059
Seq#:13; N Pos. 96060,96061,96062,96063,96064,96065,96066,96067,96068,96069
Seq#:13; N Pos. 96070,96071,96072,96073,96074,96075,96076,96077,96078,96079
Seq#:13; N Pos. 96080,96081,96082,96083,96084,96085,96086,96087,96088,96089
Seq#:13; N Pos. 96090,96091,96092,96093,96094,96095,96096,96097,96098,96099
Seq#:13; N Pos. 96100,96101,96102,96103,96104,96105,96106,96107,96108,96109
Seq#:13; N Pos. 96110,96111,96112,96113,96114,96115,96116,96117,96118,96119
Seq#:13; N Pos. 96120,96121,96122,96123,96124,96125,96126,96127,96128,96129
Seq#:13; N Pos. 96130,96131,96132,96133,96134,96135,96136,96137,96138,96139
Seq#:13; N Pos. 96140,96141,96142,96143,96144,96145,96146,96147,96148,96149
Seq#:13; N Pos. 96150,96151,96152,96153,96154,96155,96156,96157
Seq#:13; N Pos. 127699,127700,127701,127702,127703,127704,127705,127706
Seq#:13; N Pos. 127707,127708,127709,127710,127711,127712,127713,127714
Seq#:13; N Pos. 127715,127716,127717,127718,147048,147049,147050,147051
Seq#:13; N Pos. 147052,147053,147054,147055,147056,147057,147058,147059

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 04/25/2005

PATENT APPLICATION: US/10/737,318

TIME: 14:18:46

Input Set : E:\ASCII Sequence Listing for 52945-20028.00_v1.txt

Output Set: N:\CRF4\04252005\J737318.raw

Seq#:13; N Pos. 147060,147061,147062,147063,147064,147065,147066,147067
Seq#:13; N Pos. 147068,147069,147070,147071,147072,147073,147074,147075
Seq#:13; N Pos. 147076,147077,147078,147079,147080,147081,147082,147083
Seq#:13; N Pos. 147084,147085,147086,147087,147088,147089,147090,147091
Seq#:13; N Pos. 147092,147093,147094,147095,147096,147097,147098,147099
Seq#:13; N Pos. 147100,147101,147102,147103,147104,147105,147106,147107
Seq#:13; N Pos. 147108,147109,147110,147111,147112,147113,147114,147115

VERIFICATION SUMMARY

DATE: 04/25/2005

PATENT APPLICATION: US/10/737,318

TIME: 14:18:46

Input Set : E:\ASCII Sequence Listing for 52945-20028.00_v1.txt

Output Set: N:\CRF4\04252005\J737318.raw

L:402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:180
M:341 Repeated in SeqNo=4
L:1290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:1140
M:341 Repeated in SeqNo=13
L:6719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:63600
M:341 Repeated in SeqNo=16
L:10100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:7740
M:341 Repeated in SeqNo=21
L:11850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:3360
M:341 Repeated in SeqNo=39
L:13729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:3600
M:341 Repeated in SeqNo=47
L:18290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:6900
M:341 Repeated in SeqNo=77
L:21537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:9780
M:341 Repeated in SeqNo=83